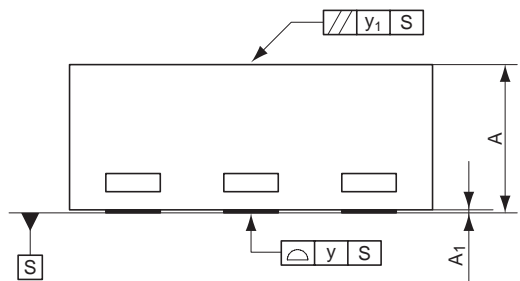
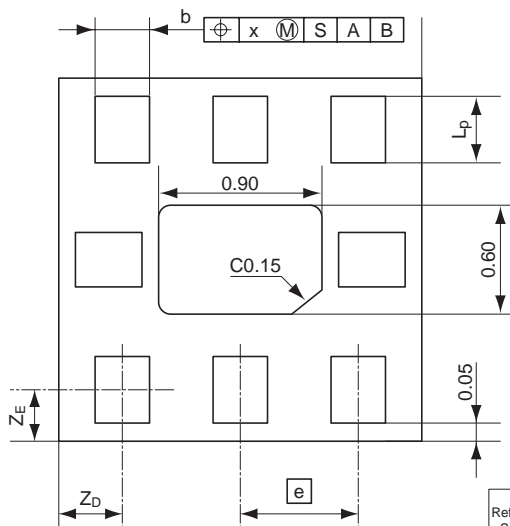
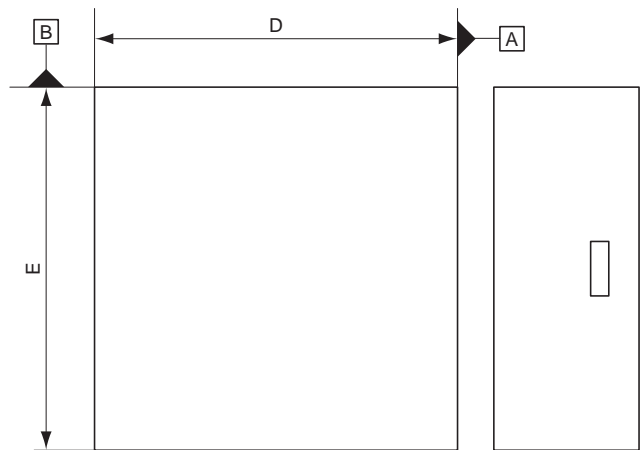


|              |                    |              |               |            |
|--------------|--------------------|--------------|---------------|------------|
| Package Name | JEITA Package Code | RENESAS Code | Previous Code | MASS[Typ.] |
| HWQFN-8      | P-HWQFN8-2x2-0.65  | PWQN0008ZA-A | TNP-8TV       | 0.009g     |



| Reference Symbol | Dimension in Millimeters |       |       |
|------------------|--------------------------|-------|-------|
|                  | Min                      | Nom   | Max   |
| D                | 1.965                    | 2.00  | 2.075 |
| E                | 1.965                    | 2.00  | 2.075 |
| A                | 0.70                     | 0.75  | 0.80  |
| A <sub>1</sub>   | 0                        | —     | 0.05  |
| A <sub>2</sub>   | —                        | —     | —     |
| b                | —                        | 0.3   | —     |
| Ⓜ                | —                        | 0.65  | —     |
| L <sub>p</sub>   | —                        | 0.35  | —     |
| x                | —                        | —     | 0.10  |
| y                | —                        | —     | 0.08  |
| y <sub>1</sub>   | —                        | —     | 0.10  |
| Z <sub>D</sub>   | —                        | 0.350 | —     |
| Z <sub>E</sub>   | —                        | 0.225 | —     |